

Datasheet for ABIN7552529
BCL9 Protein (AA 1-1426) (His tag)



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Overview

Quantity:	1 mg
Target:	BCL9
Protein Characteristics:	AA 1-1426
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BCL9 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant BCL9 Protein expressed in mammalian cells.
Sequence:	<p>MHSSNPKVRS SPSGNTQSSP KSKQEVMPVP PTVMSPSGNP QLDSKFSNQG KQGGASASQSQ</p> <p>PSPCDSKSGG HTPKALPGPG GSMGLKNGAG NGAKGKGKRE RSISADSFQ RDPGTPNDDS</p> <p>DIKECNSADH IKSQDSQHTP HSMTPSNATA PRSSTPSHGQ TTATEPTPAQ KTPAKVWYVF</p> <p>STEMANKAAE AVLKGQVETI VSFHIQNISN NKTERSTAPL NTQISALRND PKPLPQQPPA</p> <p>PANQDQNSSQ NTRLQPTPII PAPAPKPAAP PRPLDRESPG VENKLIPSVG SPASSTPLPP</p> <p>DGTGPNSTPN NRAVTPVSQG SNSSSADPKA PPPPPVSSGE PPTLGENPDG LSQEQLHRE</p> <p>RSLQTLRDIQ RMLFPDEKEF TGAQSGGPQQ NPGVLDGPQK KPEGPIQAMM AQSQSLGKGP</p> <p>GPRTDVGAPF GPQGHVDVPF SPDEMVPSPM NSQSGTIGPD HLDHMTPEQI AWLKLQQEFY</p> <p>EEKRRKQEQV VVQQCSLQDM MVHQHGRGV VRGPPPPYQM TPSEGWAPGG TEPFSDGINM</p> <p>PHSLPPRGMA PHPNMPGSQM RLPGFAGMIN SEMEGPNVPN PASRPLSGV SWPDDVPKIP</p> <p>DGRNFPPGQG IFSGPGRGER FPNPQGLSEE MFQQQLAEKQ LGLPPGMAME GIRPSMEMNR</p> <p>MIPGSQRHME PGNNPIFPRI PVEGPLSPSR GDFPKGIPPQ MGPGRELEFG MVPSGMKGDV</p>

NLNVNMGSNS QMIPQKMREA GAGPEEMLKL RPGGSDMLPA QQKMVPLPFG EHPQQEYGMG
PRPFLPMSQG PGSNSGLRNL REPIGPDQRT NSRLSHMPPL PLNPSSNPTS LNTAPPVQRG
LGRKPLDISV AGSQVHSPGI NPLKSPTMHQ VQSPMLGSPS GNLKSPQTPS QLAGMLAGPA
AAASIKSPPV LGSAAASPVH LKSPSLPAPS PGWTSSPKPP LQSPGIPPNH KAPLTMASPA
MLGNVESGGP PPPTASQPAS VNIPGSLPSS TPYTMPPEPT LSQNPLSIMM SRMSKFAMPS
STPLYHDAIK TVASSDDDSP PARSPNLPSM NNMPGMGINT QNPRISGPNP VVPMPTLSPM
GMTQPLSHSN QMPSPNAVGP NIPPHGVPMG PGLMSHNPIM GHGSQEPPMV PQGRMGFPQG
FPPVQSPPQQ VPFPHNGPSG GQGSFPGGMG FPGEGPLGRP SNLPQSSADA ALCKPGGPGG
PDSFTVLGNS MPSVFTDPDL QEVIRPGATG IPEFDLSRII PSEKPSQTLQ YFPRGEVPGR
KQPQGGPGGF SHMQGMMGEQ APRMGLALPG MGGPGPVGTP DIPLGTAPSM PGHNPMRPPA
FLQQGMMGPH HRMMSPAQST MPGQPTLMSN PAAAVGMIPG KDRGPAGLYT HPGPVGSPGM
MMSMQGMMGP QQNIMIPPQM RPRGMAADV G MGGFSQGPGN PGNMMF **Sequence without
tag. The proposed Purification-Tag is based on experiences with the expression system, a
different complexity of the protein could make another tag necessary. In case you have a
special request, please contact us.**

Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	BCL9
Alternative Name:	BCL9 (BCL9 Products)
Background:	B-cell CLL/lymphoma 9 protein (B-cell lymphoma 9 protein) (Bcl-9) (Protein legless homolog),FUNCTION: Involved in signal transduction through the Wnt pathway. Promotes beta-catenin's transcriptional activity (By similarity). {ECO:0000250, ECO:0000269 PubMed:11955446}.
Molecular Weight:	149.3 kDa
UniProt:	O00512
Pathways:	Stem Cell Maintenance

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months